Serial No.: 10/500,660 Filed: March 31, 2005

Listing of the Claims:

- (Original) A method of modulating Sec-dependent protein secretion comprising the steps of:
 - introducing a *spollIJ* gene linked to an inducible promoter into a *Bacillus* cell: and
 - modulating the expression of the spollIJ gene by varying the level of induction of the inducible promoter.
- 2. (Original) The method of Claim 1, wherein the inducible promoter is the Pspac promoter.
- 3. (Original) A purified DNA molecule comprising an inducible promoter operatively linked to the *spollIJ* gene.
- 4. (Currently amended) A method of modulating the secretion of a protein of interest, comprising the steps of:
 - a) forming a first DNA molecule encoding a chimeric protein comprising a Sec-dependent secretion signal peptide;
 - b) forming a second DNA molecule encoding an inducible promoter operably linked to the *spollIJ* gene:
 - c) transforming a <u>Bacillus</u> host cell with the DNA molecule of steps a and b; and
 - growing said host cell under conditions wherein the protein of interest is expressed at the desired level.
- 5. (Original) The method of Claim 4, wherein said host cell is grown under conditions wherein the inducible promoter is induced.
- (Original) The method of Claim 4, wherein said protein of interest is expressed at low level.
- 7-9 (Cancelled).

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- 10. (Currently amended) A method of modulating the secretion of a protein of interest, comprising the steps of:
 - a) forming a first DNA molecule encoding a chimeric protein comprising a Sec-dependent secretion signal peptide;
 - b) forming a second DNA molecule encoding an inducible promoter operably linked to the *yqiG* gene;
 - c) transforming a <u>Bacillus</u> host cell with the DNA molecule of steps a and b; and
 - d) growing said host cell under conditions wherein the protein of interest is expressed at the desired level.
- 11. (Original) The method of Claim 10, wherein said host cell is grown under conditions wherein the inducible promoter is induced.
- 12. (Original) The method of Claim 11, wherein said protein of interest is expressed at low level.
- 13. (Original) A method of modulating Sec-dependent protein secretion comprising the steps of:
 - a) providing a Bacillus cell comprising spoIIIJ and yajG genes linked to an endogenous high expression promoter; and
 - b) modulating the expression of the spollIJ and yajG genes by varying the level of induction of said promoter.
- 14. (Original) The method of Claim 13, wherein the promoter is the P*spac* promoter.